

AASHTO Update

2019 Committee on Bridges & Structures Meeting

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Strategic Plan



Goal 1: Extend Bridge Service Life

Goal 2: Assess Bridge Condition

Goal 3: Maintain and Enhance a Knowledgeable Workforce

Goal 4: Maintain and Enhance the AASHTO Specifications

Goal 5: Accelerated Bridge Delivery and Construction

Goal 6: Optimize Structural Systems

Goal 7: Model and Manage Information Intelligently

Goal 8: Contribute to National Policy

Action Plan

Committee on Bridges & Structures

ACTION PLAN

October 1, 2018 – September 30, 2019

GOAL 6 Optimize Structural Systems

STRATEGY 6.1 Identify beneficial and achievable material properties and develop optimized structural systems with these properties

Task #	Task Description	Assigned to:	Coordinating Committees/Councils	Due Date	Comments	Associated AASHTO Goal #
1	Develop design, construction, and material provisions for disc bearings	T-2		Dec-19		3.2
1.1	Review current design, construction, and material specifications			Dec-18		
1.2	Draft ballot items for the Design and Construction specifications			Dec-19		
1.3	Coordinate with T-4 during development			Dec-19		

LRFD TSP Budget



48 states contributing
\$715,000
15 contracts
67 members
18 meetings

Membership



Membership

Bridges and
Structures

- T-1 Bridge Security & Hazards
- T-2 Bearings & Expansion Devices
- T-3 Seismic Design
- T-4 Construction
- T-5 Loads & Load Distribution
- T-6 Fiber Reinforced Polymer Composites
- T-7 Guardrail & Bridge Rail
- T-8 Movable Bridges
- T-9 Bridge Preservation
- T-10 Concrete Design
- T-11 Research
- T-12 Structural Supports
- T-13 Culverts
- T-14 Structural Steel Design
- T-15 Substructures & Retaining Walls
- T-16 Timber Structures
- T-17 Metals Fabrication
- T-18 Bridge Management, Evaluation, & Rehabilitation
- T-19 Software & Technology
- T-20 Tunnels

FAST Act Reauthorization Survey

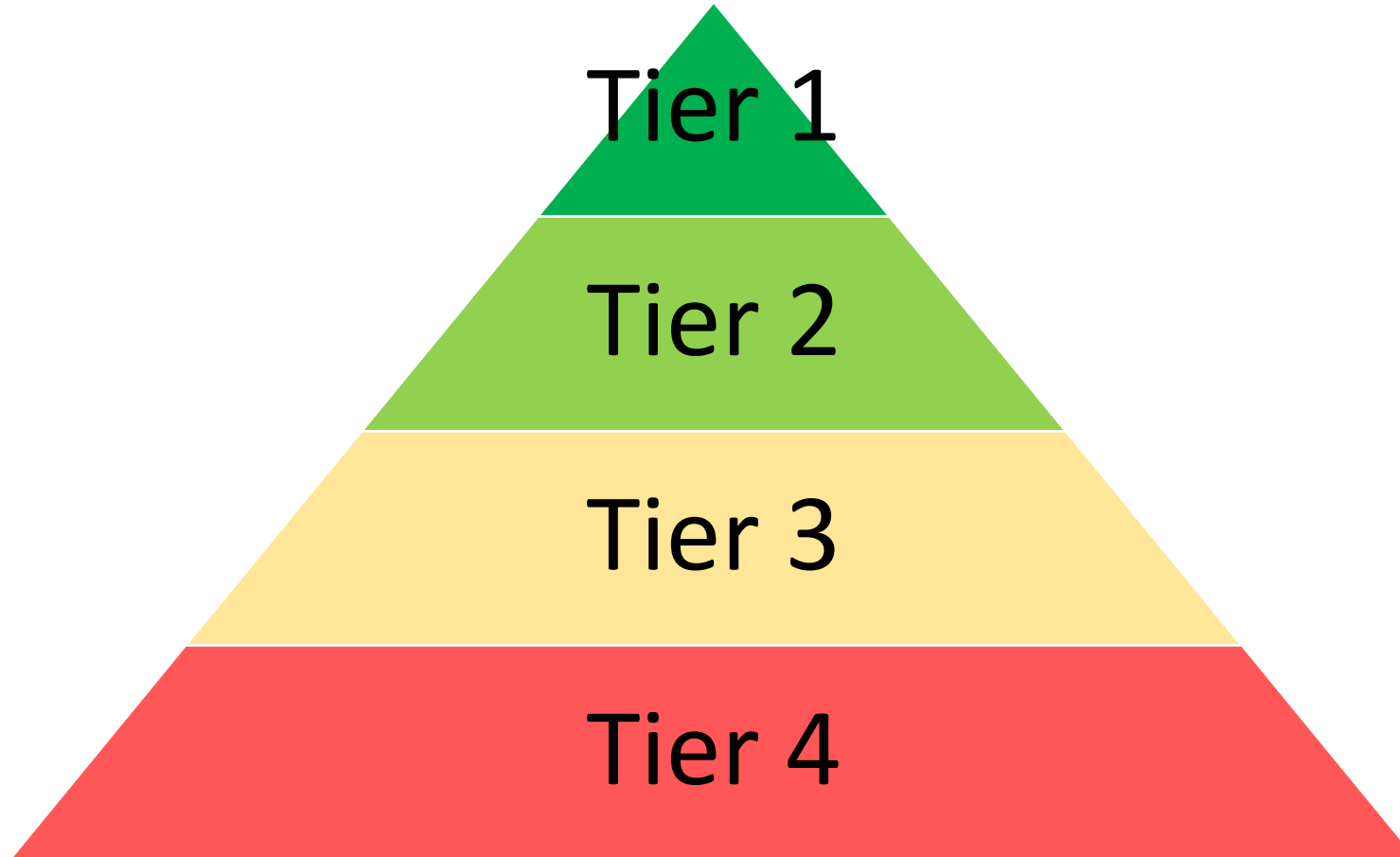
- 93 responses/600 comments+ on Project Delivery/Engineering issues
- 10 year rule
- Emergency and Heavy Duty Tow Vehicle weights
- Bridge program compliance review frequency
- Buy America
- Funding
- Proprietary Products

FAST Act Reauthorization

Core Policy Principles

1. Ensure timely reauthorization of a long-term federal surface transportation bill
2. Enact a long-term, sustainable revenue solution for the Highway Trust Fund
3. Increase and prioritize formula-based federal funding provided to states
4. Increase Flexibility, Reduce Program Burdens and Improve Project Delivery
5. Support and Ensure State DOTs' Ability to Harness Innovation and Technology

FAST Act Reauthorization Priority Tiers



FAST Act Reauthorization Tier 1 Bridge Issues

- Performance Management Regulations Should Be Improved to Reduce the Burden on State DOTs, Including Data Collection
- Buy America



FAST Act Reauthorization

Tier 2 Bridge Issues

- Minimum Condition Levels for National Highway System (NHS) Bridges and Pavements Could Encourage a Worst-First Asset Management Approach
- Roadside Hardware
- Emergency & Tow Vehicles
- Bridge Program Compliance Review
- Coordination with Railroads
- Drones/Unmanned Aircraft Systems (UAS)

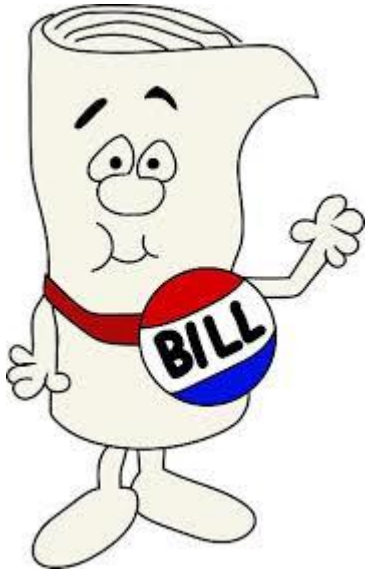
FAST Act Reauthorization

House of Representatives Committee on Transportation & Infrastructure

Oregon, Missouri, District of Columbia, Illinois

Senate Committee on Environment & Public Works

Wyoming, Delaware, West Virginia, Maryland



AASHTO Reauthorization Information

<https://policy.transportation.org/fast-act-reauthorization/>

Questions?